



Africa RISING

Monitoring and Evaluation

Work in progress and 2012/2013 achievements in ESA

IFPRI M&E Team

Africa RISING 2013 East and Southern Africa Review and
Planning Meeting

Sunbird Capital Hotel, Lilongwe, Malawi, 3-5 September 2013





Monitoring and Evaluation (M&E)

■ Monitoring ...

- Tracks indicators over time (program administrative information)
- Collects data ONLY for participants
- Permits descriptive analysis
- Tells whether inputs are being implemented and outputs achieved as planned

■ Impact evaluation ...

- Tracks average outcomes over time (surveys) and indicators (program information)
- Collects data for participants and non-participants (although these may enter the program later on)
- Permits causal/attribution analysis
- Tells whether the program causally influences outcomes and why/by what mechanism

M&E activities: Delivered/ongoing (M)

- Outreach to/introduction/networking with researchers
- Interim progress reports (IPRs) audits (July '13)
 - Tanzania (Babati, Kiteto-Kongwa)
 - Malawi (IPR?)
- Action site visits (May-July '13)
 - Information on activities
 - Information on beneficiaries



M&E activities: Delivered/ongoing (M)

- Farmer field days
 - Long, Sabilo, and Seloto villages, July '13
- Focus group discussions (100+)
- Project mapping tool (more on this tomorrow)
- Work with scientists, researchers, extensionists, and administrators

M&E activities: Delivered/ongoing (E)

- Baseline socioeconomic surveys (ongoing)
 - Firm procurement
 - Survey tools development
 - Survey fieldwork rollout
- Workshop on impact evaluation (August '13)
 - Share ideas with researchers on the need to rigorously evaluate project elements, and possible ways to incorporate it



M&E activities: Delivered/ongoing (E)

- Babati impact evaluation design (August '13)
 - Prospective randomized-control design
 - Inputs versus training activities
 - Household and individual-level outcomes
 - Medium- and longer-term impacts (multiple follow-ups)



M&E activities: Lessons from Babati FGDs

- Experiencing climactic changes
- Poor seed germination
- Untimely delivery of seed
- Difficulty in identifying varieties appropriate to local conditions
- Pests and diseases
- Limited knowledge of best farming practices
- Few extension agents
- Limited knowledge on how to apply inorganic fertilizers
- Difficulty in identifying the right pesticides
- Expensive agro-inputs
- Unreliable markets for farm produce
- Low capital
- Lack of knowledge on organic farming



Malawi ARBES

- **ARBES Tool**

- Discussed at Dar es Salaam and Accra
- Additional feedback:
 - Dr. Bekunda
 - The Economics and Policy Innovations for Climate-Smart Agriculture (EPIC) at FAO
 - Vital Signs
 - MSU (Thomas, Eric, David)– “Bean Game”



Malawi ARBES

- **Pre-field work**

- Programming (Survey CTO)
- Sampling frame – Dist. Bureau of Agr. (2012)
- Verification (esp. for non-Bene sample)
- Market survey for local measurement units
- ~~GPS land area measurement~~
- Questionnaire being completed in two visits
- Data being reviewed in real time



Malawi ARBES

■ Implementation

- IFPRI partnered with Invest in Knowledge Initiative (IKI) (proposal from IKI & Wadonda)
- Trained 28 researchers (July 15 – August 14)
 - Two wks on the paper questionnaire
 - Two wks on Computer Assisted Personal Interviewing (CAPI) technology
- 24 teams started field work on Aug 16
- ~30% completed as of September 2, 2013



Malawi ARBES Sample – PPS Sampling

District	EPA	Section	# of Bene Villages	# of Control Villages	# of Bene HHs (Non-Bene HHs)	# of Control HHs
Dedza	Linthipe	Mposa	5		77 (88)	
	Lobi	Thete		7		140
	Golomoti	Golomoti C.	4		104 (24)	
	Mtakataka	Mtakataka C.		8		160
Ntcheu	Kandeu	Kampanje	9		192 (52)	
	Kandeu	Sitolo		4		80
	Nsipe	Mpamadzi	7		98 (37)	
	Nsipe	Mwalaoyera		9		180
Total			25	28	471 (200)	560



Malawi ARBES

- **What is left?**
 - Finish the HH survey, programming and implementation of community surveys - Sep 2013
 - Gather data on technologies adopted by AR beneficiaries
 - Data analysis and report writing (Nov. and Dec. 2013)



Tanzania ARBES

- Proposal from three potential partners
 - NBS
 - REPOA
 - NORC
 - EDI (??)
- Why did it take longer?? Well, our Malawi experience...
- Survey firm procurement: September 2013
- Next steps: training, piloting, fieldwork, analysis

M&E: A shared responsibility

- Data and analysis
 - Qualitative, quantitative
 - High periodicity
 - Multi-level: unit of analysis, project, research program
 - Descriptive, causal / attribution

M&E: A shared responsibility

- Ongoing (including FtF indicators)
 - Program-wide, general
 - Site-specific, custom
 - Reminders on joint responsibility (Arusha Aug '13 meeting; ongoing)
- Next steps
 - Sourcing data from project teams
 - Research and project team leaders' strategy
 - Template for uniform reporting



Thank You!



Africa Research in Sustainable Intensification for the Next Generation

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